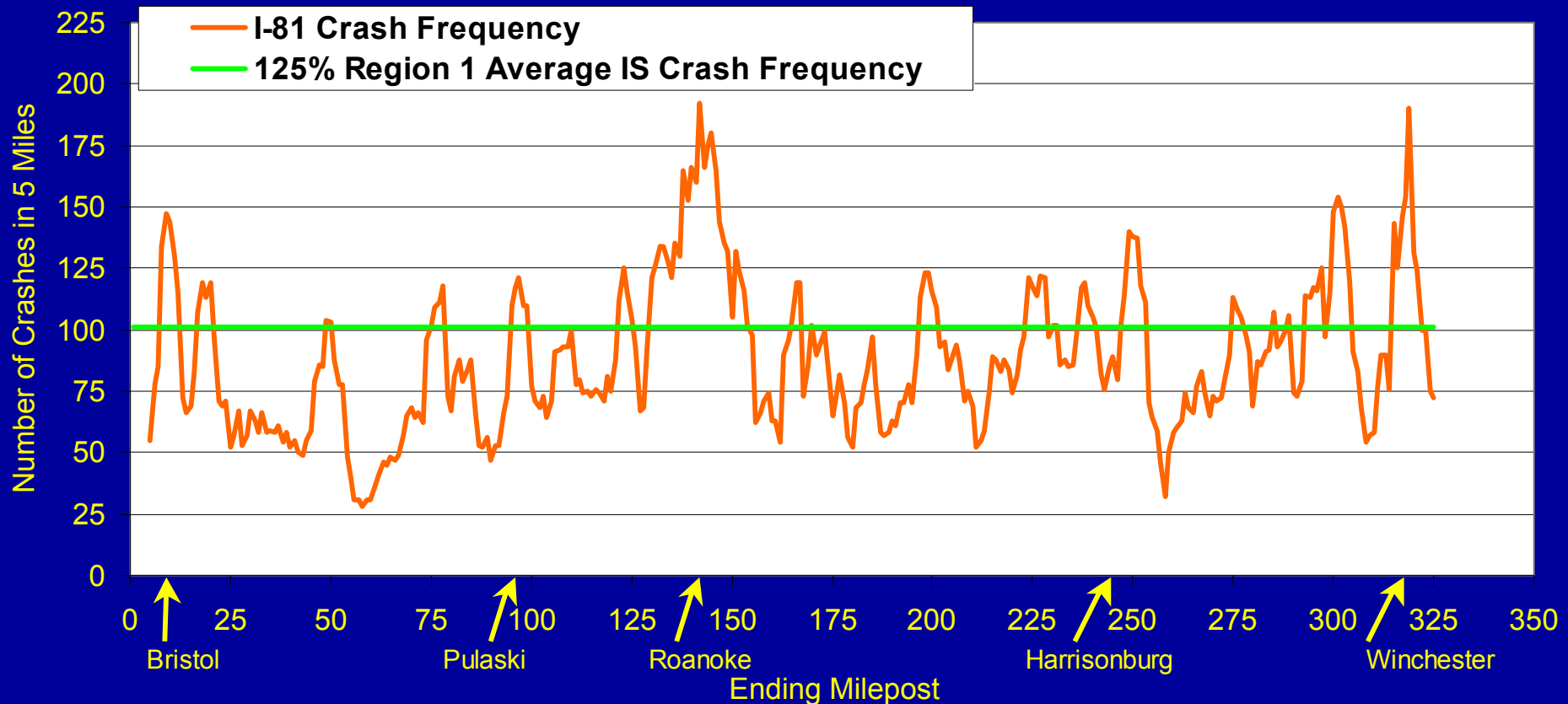


I-81 Crash Frequency

- # Crashes along I-81 by milepoint
- Tennessee state line at left
- Maryland state line at right
- Look at height and width of peaks
- Where above 125% of regional average

I-81 Crash Frequency

(2000-2002 Crashes)



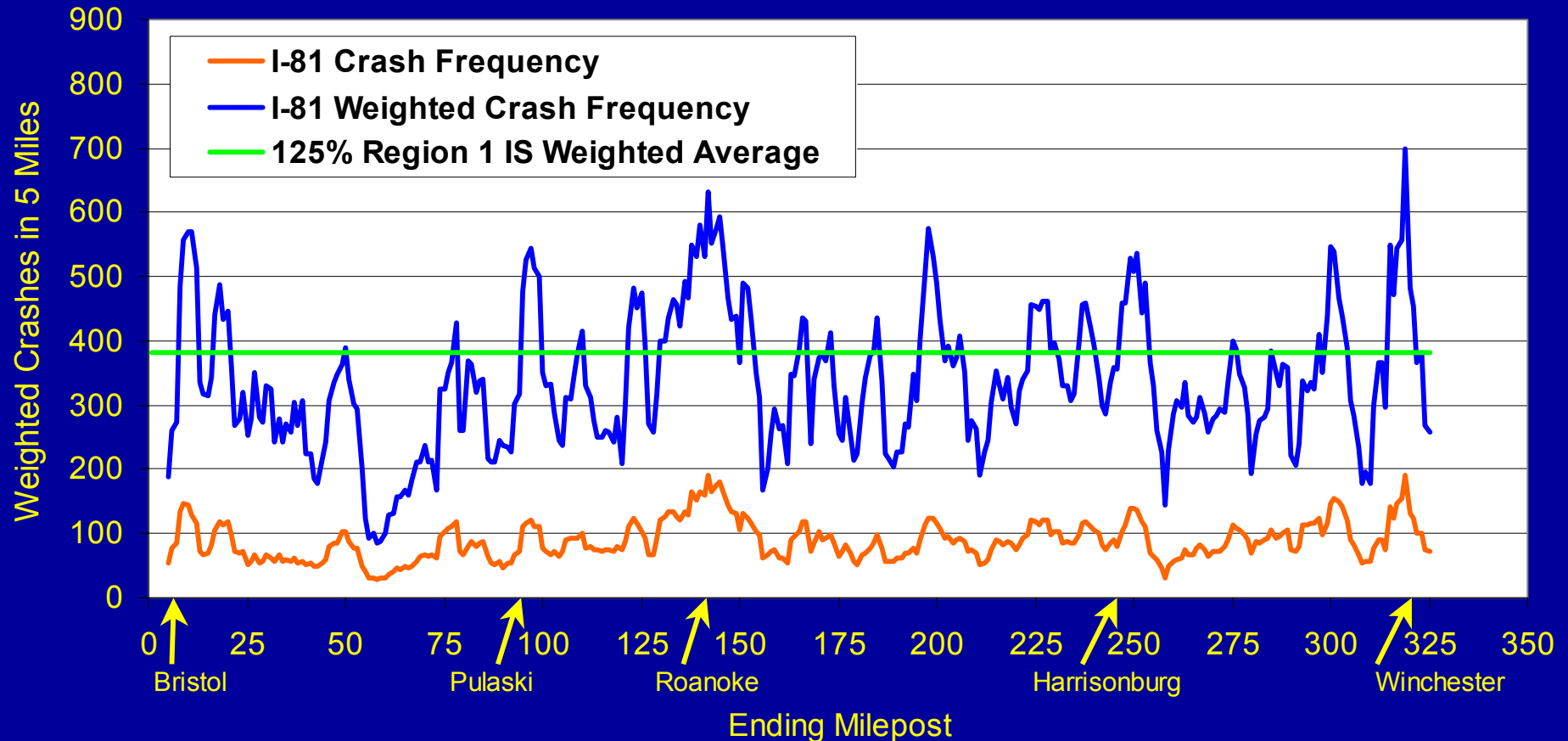
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I-81 Crash Frequency Weighted by Severity

- Previous slide – total # crashes
- Also need to consider severity of crash
- Give added emphasis to injury and fatal crashes
- Look at peaks where above 125% of regional average

I-81 Crash Frequency Weighted by Severity

(2000-2002 Crashes, PDO=1, Injury=8, Fatal = 20)



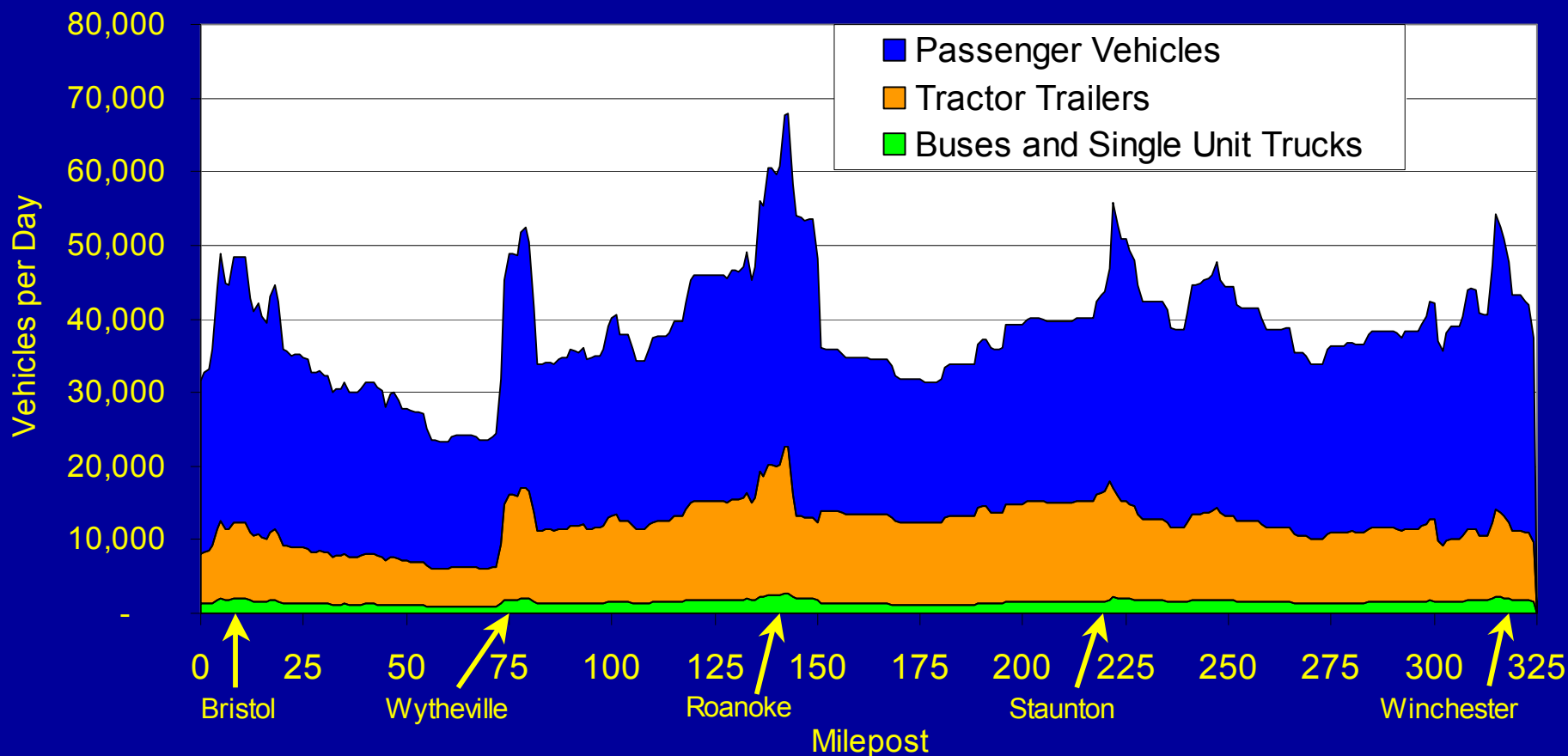
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I-81 Vehicle Mix

- Tractor-trailers
- Other trucks and buses
- Passenger vehicles

I-81 Vehicle Mix

I-81 Average Daily Traffic by Vehicle Type (2000-2002)



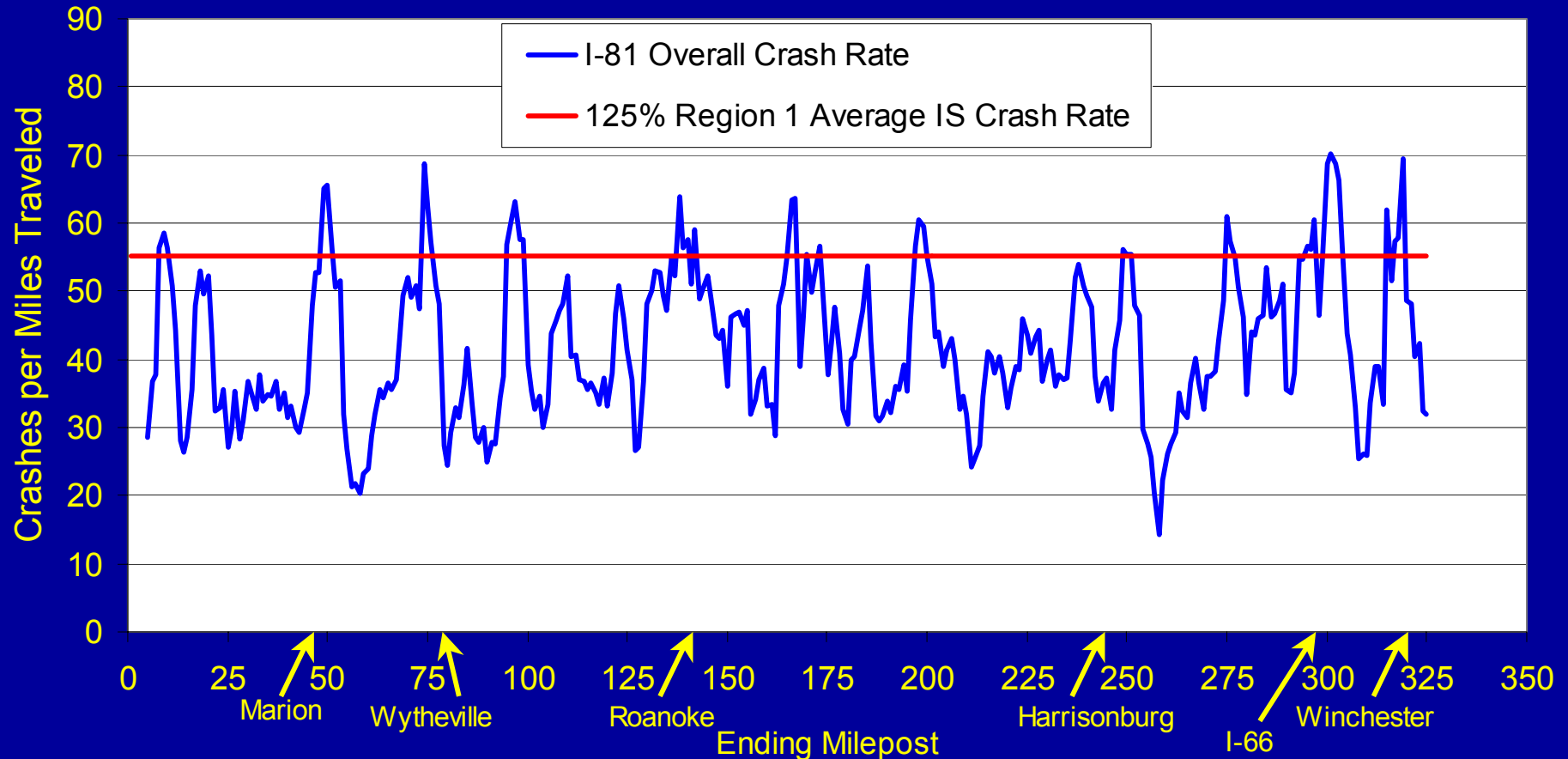
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I-81 Crash Rates

- Adjust # crashes for # vehicles on road
- Compare high crash / high volume locations with lower crash / lower volume locations on more even basis

I-81 Crash Rates

(2000-2002 Crashes)



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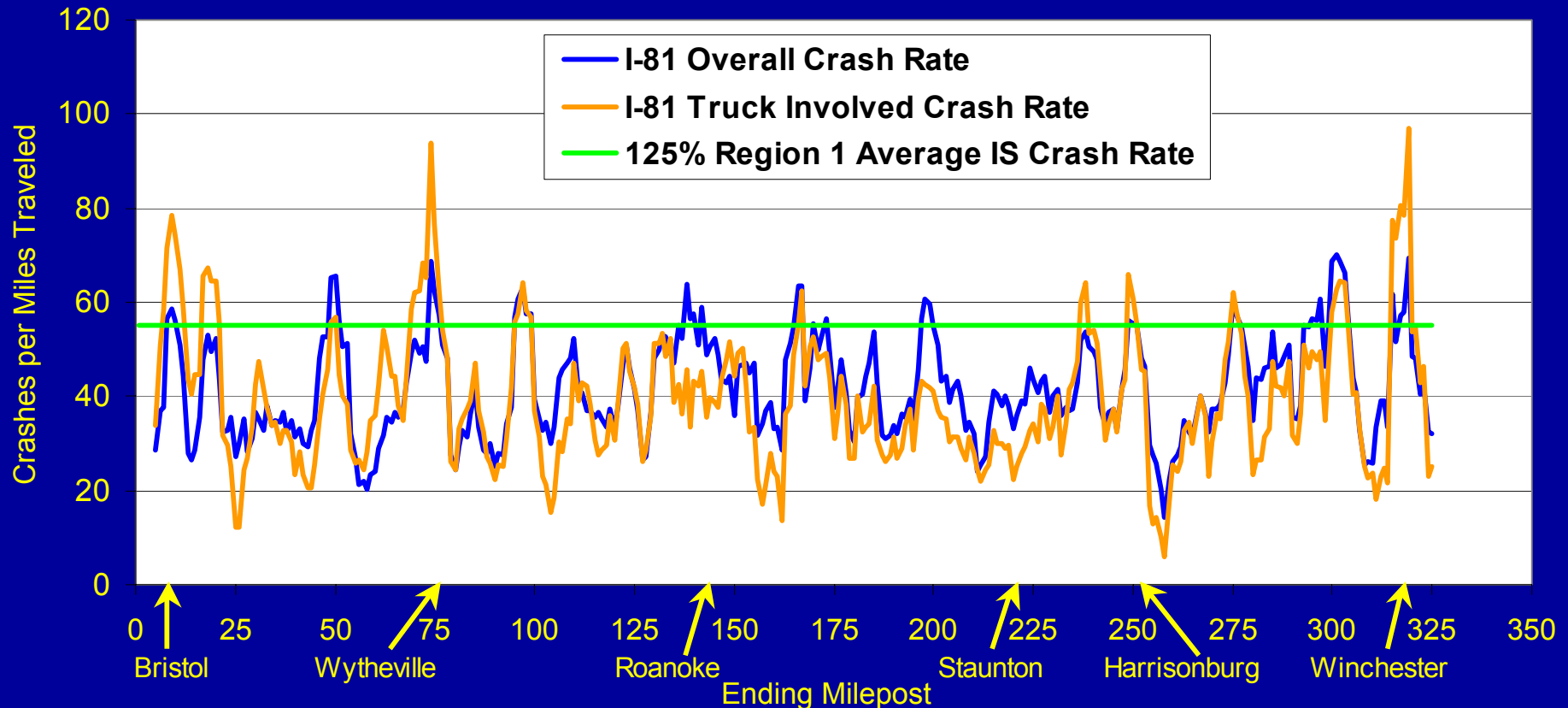


Comparing Rates for Traffic Mix

- Overall crash rate versus truck-involved crash rate
- NOTE: Truck involved crash does not mean truck caused crash

Comparing Rates for Traffic Mix

I-81 Crash Rate Comparison:
All Traffic and Truck Involved (2000-2002 Crashes)



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